IN THE CLAIMS

1. (previously presented) In a method of a fire extinguishing spraying apparatus, said apparatus comprising a source of a medium, a pump means and means for passing at least a proportion of the medium to at least one nozzle (4), the improvements comprising

re-circulating at least some of the medium which is not passed to the nozzle back to a suction side of the pump means (3); and

passing at least some of the medium re-circulated into a discharge pipe (15) and not the pump means (3).

2. (original) Method according to claim 1, characterized in that the flow into the discharge pipe (15) is restricted.

3. (previously presented) Method according to claim 1, characterized in that at least some of the medium being re-circulated is passed into the discharge pipe (15) if the temperature of the medium reaches a set value.

4. (previously presented) Method according to claim 1, characterized in that the passage into the discharge pipe (15) is opened and/or closed by means of a valve element (7) controlled on the basis of the temperature of the medium.

5. (previously presented) Method according to claim 1, characterized in that the flow rate of the medium being re-circulated is reduced when the flow rate of the extinguishing medium supplied to the nozzles (4) is increased.

6. (previously presented) Method according to claim 1, characterized in that the flow rate of the medium being re-circulated is increased when the flow rate of the extinguishing medium supplied to the nozzles (4) is reduced.

7. (previously presented) Method according to claim 1, characterized in that the medium is a water-based liquid.

8. (previously presented) Method according to claim 1, characterized in that the medium is re-circulated at a pressure of 1-300 bar.

9. (previously presented) In a fire extinguishing spraying apparatus comprising a source of a medium, a pump means and means for conducting at least some of the medium to at least one nozzle (4), the improvements comprising

means for re-circulating at least some of the medium from a pressure side of the pump means (3) to a suction side of the pump means, and

means for passing at least some of the medium being re-circulated into a discharge pipe (15).

10. (previously presented) Apparatus according to claim 9, characterized in that the pump means (3) is at least one of a constant-volume pump or a piston pump.

11. (previously presented) Apparatus according to claim 9, characterized in that the means for recirculating comprises a passage (13,14) from the pressure side of the pump means (3) to its suction side, said passage being provided with a pressure valve (6).

12. (previously presented) Apparatus according to claim 9, characterized in that the apparatus comprises a valve element (7) for opening passage into the discharge pipe (15).

13. (currently amended) Apparatus according to claim 12~~9~~, characterized in that the apparatus comprises means (8) for opening and/or closing the valve element (7) on the basis of the temperature of the medium.

14. (previously presented) Apparatus according to claim 9, characterized in that the pump means (3) is a 1-300 bar pressure pump.

15. (previously presented) Apparatus according to claim 9, characterized in that the discharge pipe (15) is provided with a throttle element (9).

16. (previously presented) Apparatus according to claim 11, characterized in that the passage (14) is provided with a check valve (16) to prevent the admission of the medium being pumped from the suction side of the pump directly into the discharge pipe (15).